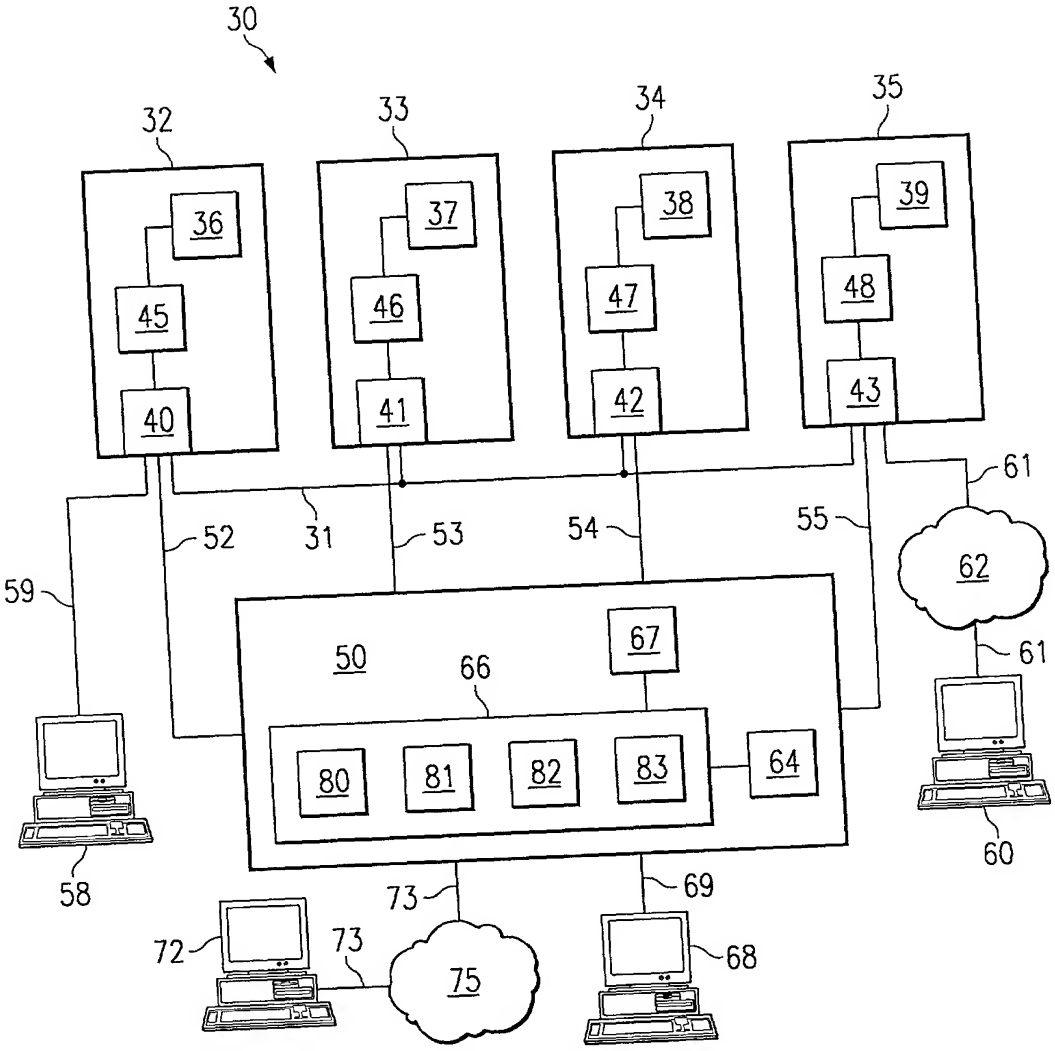

30
32
33
34
35
36
37
38
39
45
46
47
48
40
41
42
43
61
52
31
53
54
55
62
59
50
66
67
61
80
81
82
83
64
58
60
73
69
72
73
75
68

FIG. 1

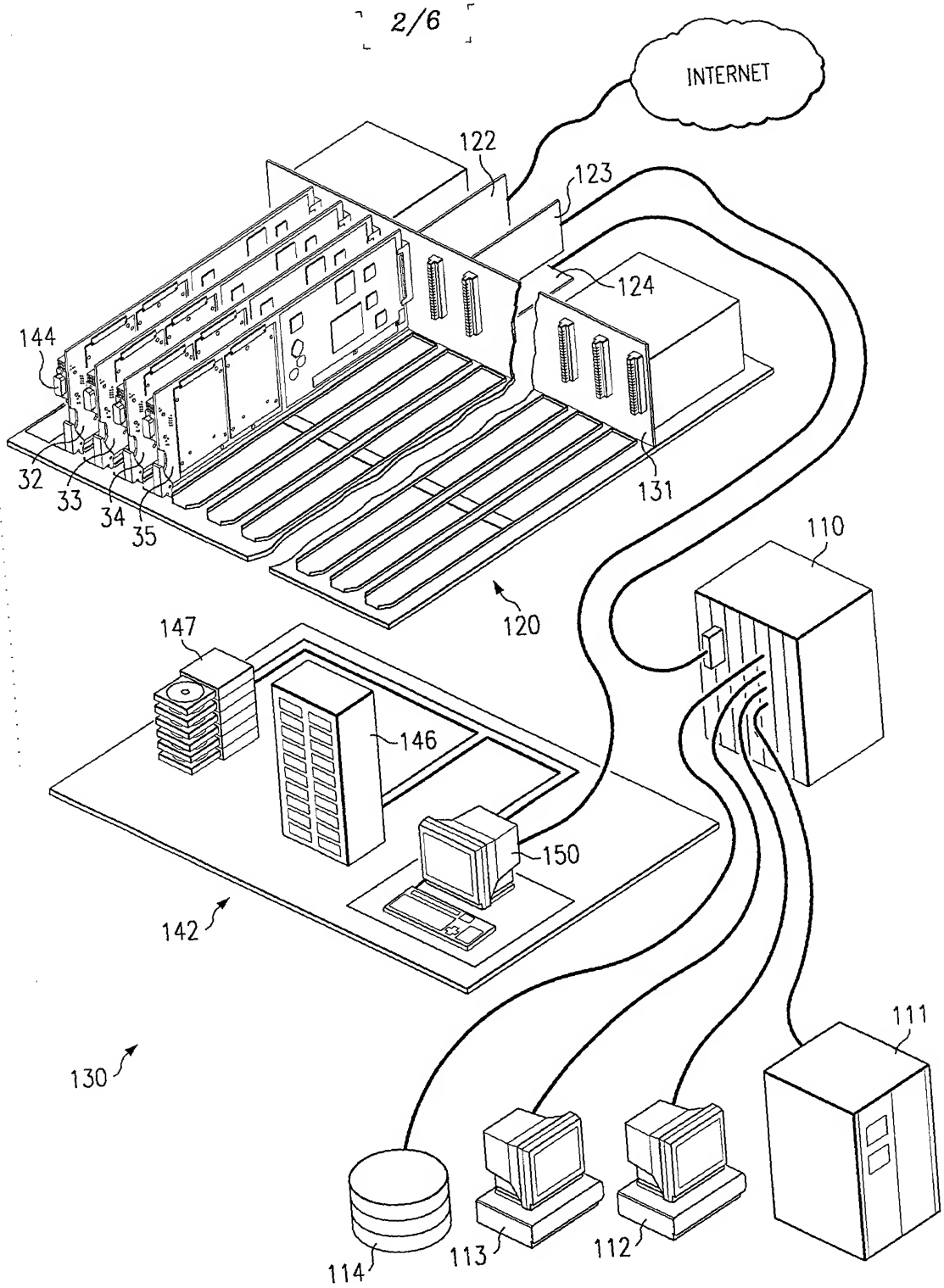

INTERNET
122
123
124
144
32
33
34
35
131
120
110
147
146
150
142
130
111
114
113
112

FIG. 2

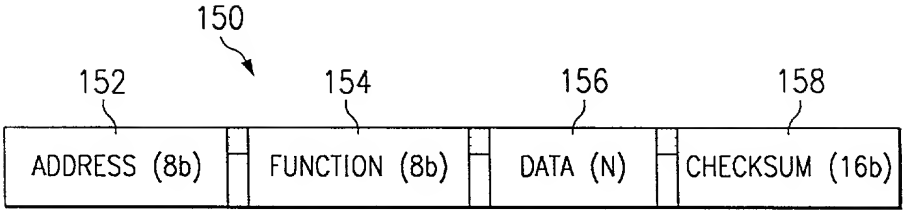


FIG. 3

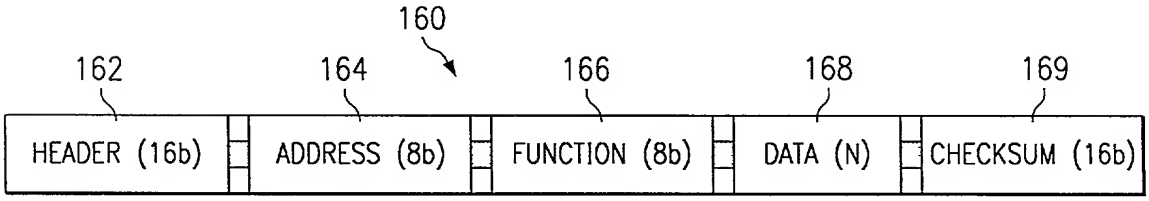


FIG. 4

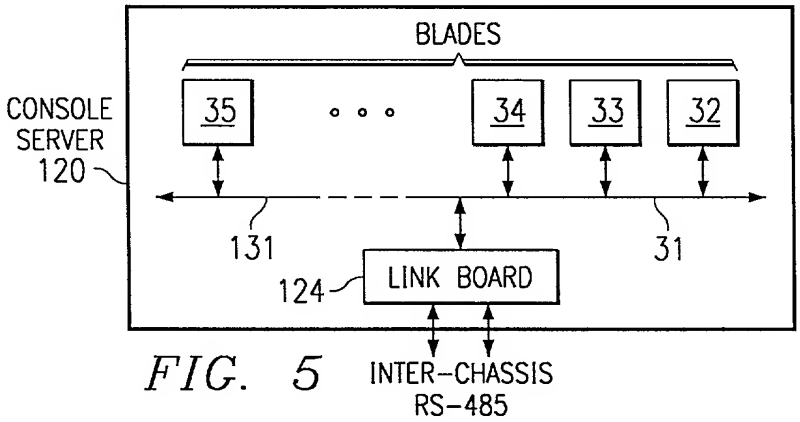


FIG. 5

	MANAGEMENT BOARD	SLOT 1	SLOT 2	BACKUP CS
CASE 1	CPU – PRESENT (CS)	PRESENT	PRESENT	SLOT 1
CASE 2	CPU – PRESENT (CS)	ABSENT	PRESENT	SLOT 2
CASE 3	ABSENT	PRESENT (CS)	PRESENT	SLOT 2
CASE 4	~~PIC~~ CPU – PRESENT	PRESENT (CS)	PRESENT	SLOT 2

FIG. 6

Express Mail Label No. EV 339 150 695 US

FIG. 7

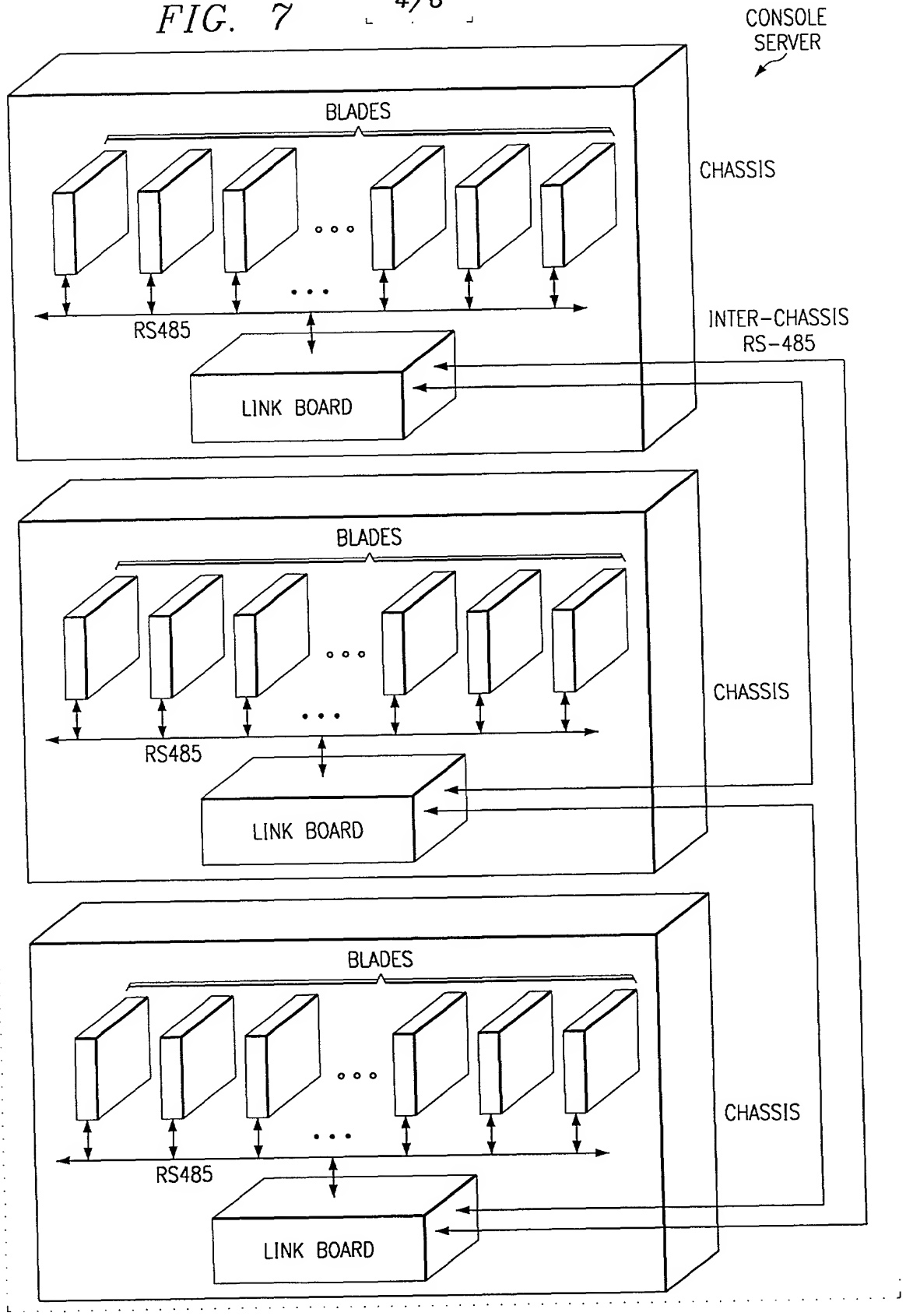
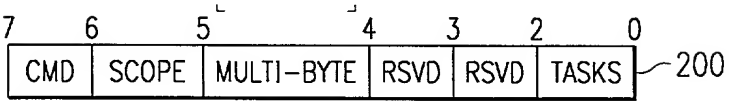

CONSOLE SERVER
BLADES
CHASSIS
RS485
INTER-CHASSIS RS-485
LINK BOARD
BLADES
CHASSIS
RS485
LINK BOARD
BLADES
CHASSIS
RS485
LINK BOARD

FIG. 8



FIELDS	VALUE	FUNCTION
CMD	0	THIS IMPLIES IT IS A COMMAND MESSAGE
SCOPE	0 OR 1	0: IT IS A CHASSIS LOCAL MESSAGE 1: IT IS AN INTER CHASSIS MESSAGE NOTE: WHEN THE SCOPE IS DEFINED AS LOCAL ONLY THE SLOT ID FIELD IS PRESENTED IN THE <Slot-Identifier>. ON THE OTHER HAND WHEN THE SCOPE IS DEFINED AS INTER CHASSIS BOTH THE SLOT ID AND CHASSIS ID FIELDS ARE PRESENTED IN THE <Slot-Identifier>
MULTI-BYTE	0 OR 1	0: NO DATA BYTES FOLLOWING 1: DATA BYTES FOLLOWING
RSVD	UNASSIGNED	
RSVD	UNASSIGNED	
TASKS	00H-07H	00: RECEIVE COMMAND ~220 01: TRANSMIT COMMAND ~222 02: IDENTIFY COMMAND ~224 03: STATUS COMMAND ~226 04: Re_sync ~228 05: SET ~230 06: GET ~232 07: IDENTIFY CHASSIS COMMAND ~234

FIG. 9

7	6	5	4	3	2	1	0
ACK	SCOPE	MULTI-BYTE	EXTENDED	RSVD	ERROR	WATERMARK	DATA
RSVD	RSVD	RSVD	RSVD	FNC NOT SUPPORTED	NAK	HEALTH	OVERRUN

FIG. 10A

FIG. 10B

FIELDS	VALUE	FUNCTION
ACK	1	THIS IMPLIES IT IS AN ACKNOWLEDGE MESSAGE
SCOPE*	0 OR 1	0: IT IS A CHASSIS LOCAL MESSAGE 1: IT IS AN INTER CHASSIS MESSAGE NOTE: WHEN THE SCOPE IS DEFINED AS LOCAL ONLY THE SLOT ID FIELD IN THE PRESENTED IN THE <Slot-Identifier>. ON THE OTHER HAND WHEN THE SCOPE IS DEFINED AS INTER CHASSIS BOTH THE SLOT ID AND CHASSIS ID FIELDS ARE PRESENTED IN THE <Slot-Identifier> *SLAVE BLADES NEED NOT SET THIS FIELD. IT IS INTENDED TO BE ADDED BY INTER-CHASSIS COMMUNICATION BOARD ALONG WITH THE CHASSIS ID AND SLOT ID
MULTI-BYTE	0 OR 1	0: NO DATA BYTES FOLLOWING 1: DATA BYTES FOLLOWING
EXTEND ACK	0 OR 1	0: IMPLIES ACK FIELD IS ONLY 1 BYTE 1: IMPLIES ACK FIELD IS 2 BYTES
RSVD	UNASSIGNED	RESERVED FOR FUTURE USE
ERROR	0 OR 1	0: NO ERROR IN PREVIOUS COMMAND 1: ERROR IN PREVIOUS COMMAND
WATERMARK	0 OR 1	0: DATA IS LESS THAN 3/4 SIZE OF AVAILABLE BUFFER 1: DATA IS LESS THAN 3/4 SIZE OF AVAILABLE BUFFER
DATA	0 OR 1	0: NO DATA AVAILABLE FOR TRANSFER 1: DATA AVAILABLE FOR TRANSFER

FIG. 10C

FIELDS	VALUE	FUNCTION
RSVD	UNASSIGNED	RESERVED FOR FUTURE USE
RSVD	UNASSIGNED	RESERVED FOR FUTURE USE
RSVD	UNASSIGNED	RESERVED FOR FUTURE USE
RSVD	UNASSIGNED	RESERVED FOR FUTURE USE
FNC NOT SUPPORTED	0 OR 1	0: THE FUNCTION REQUESTED WAS O.K. 1: THE FUNCTION REQUESTED IS NOT SUPPORTED ON THE BLADE
NACK	0 OR 1	0: THE BLADE CAN RESPOND TO MASTER'S REQUEST 1: THE BLADE NOTIFIES THE MASTER TO REQUEST AT A LATER TIME AS THE BLADE IS BUSY
HEALTH	0 OR 1	0: CPU NOT FUNCTIONAL (SLEEP) 1: CPU FUNCTIONAL
OVERRUN	0 OR 1	0: DATA IN BUFFER HAS NOT BEEN OVERRUN 1: DATA IN BUFFER HAS BEEN OVERRUN

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